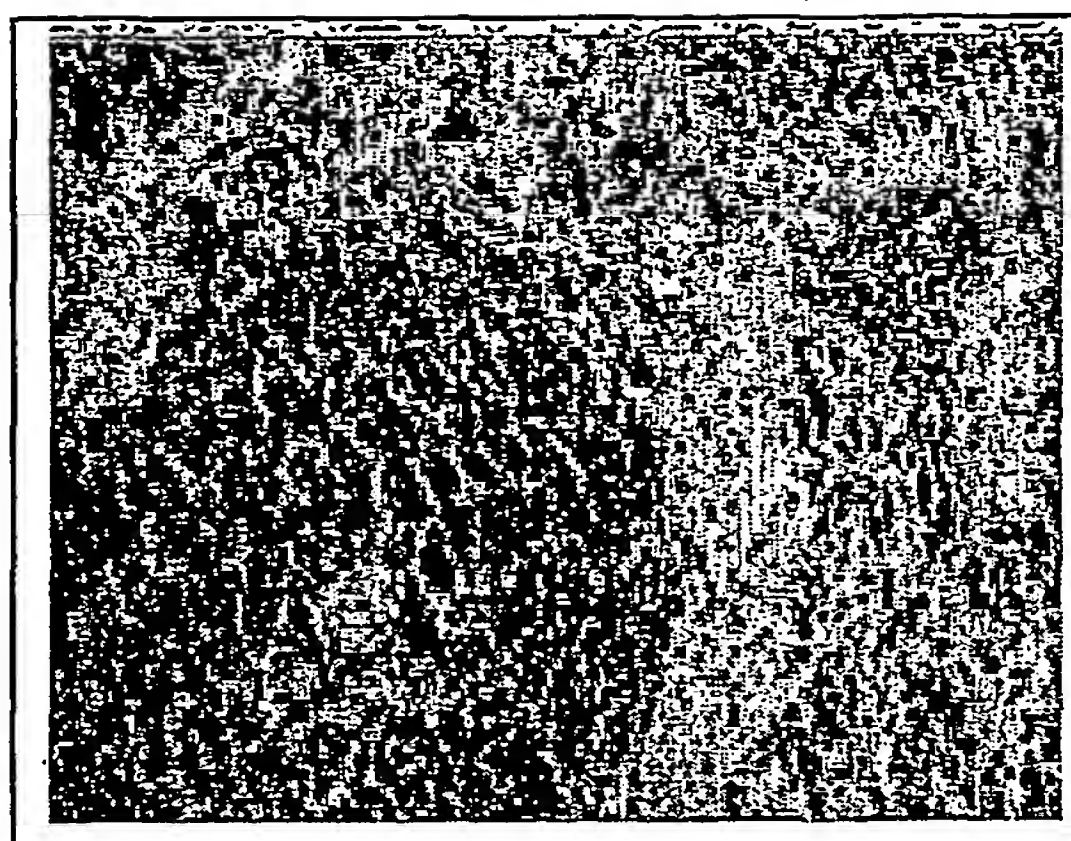


Figure 1

A



B

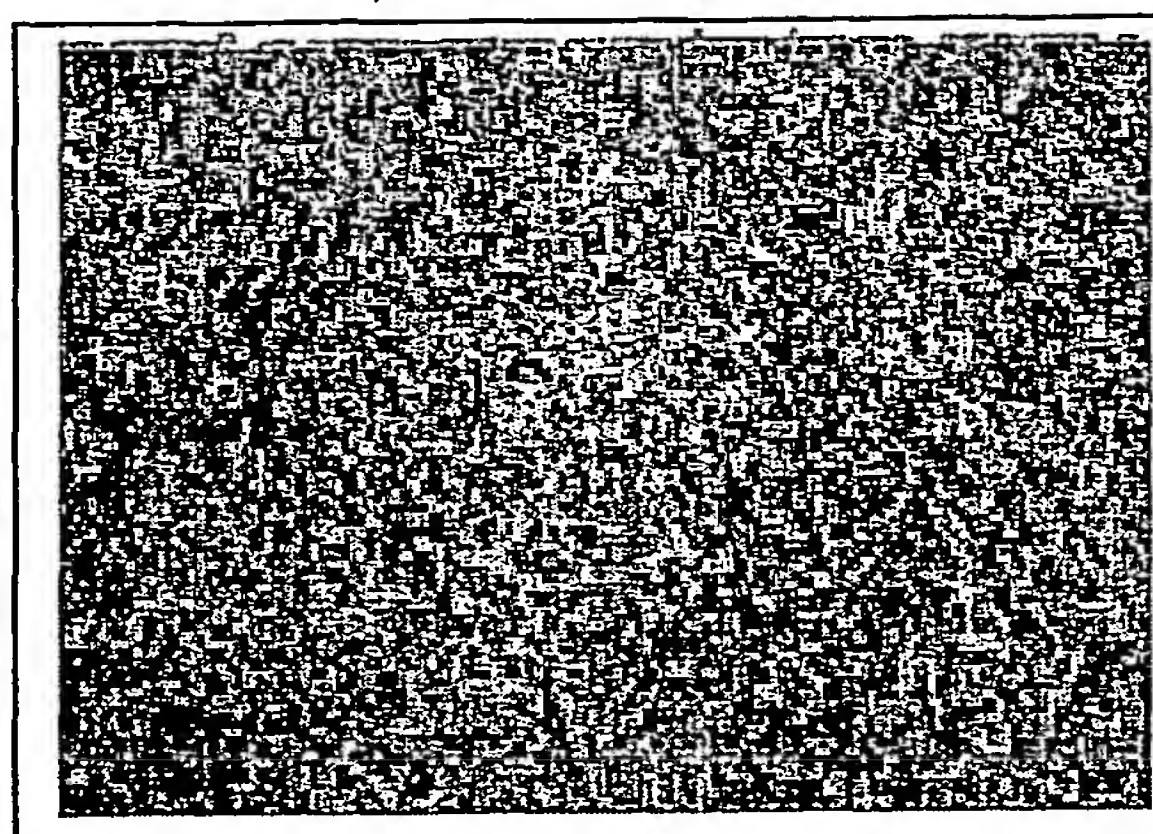


Figure 2

1 mkpprpvrtc skvlvllsll aihqtttaek ngidiysltv dsrvssrfah tvvtsrvvnr
61 antvqeatfq melpkkafit nfmnidgmt ypgiikekae aqaqysaava kgksaglvka
121 tgrnmeqfqv svsvapnaki tfelvyell krrlgvyell lkvrpqqlvk hlqmdihife
181 pqgisflete stfntnqlvd alttwqnktk ahirfkptls qqkspeqqe tvldgnliir
241 ydvdraisgg siqiengyfv hyfapegltt mpknvfvfvid ksgsmsgrki qqtrealiki
301 lddlsprdqf nlivfsteat qwrpslvpas aenvnkarsf aagiqalggt nindamlmav
361 qlldssnqee rpegsvsli illtdgdptv getnprsiqn nvreavsgry slfclgfgfd
421 vsyaflekla ldngglarri hedsdsalql qdfyqevanp lltavtfeyp snaveevtqn
481 nfrllfkge mvvagklqdr gpdvltatvs gklptqnitf qtessvaeqe aefqspkyif
541 hnfmerlway ltiqqlleqt vsasdadqqa lnqalnsl aysfvtpits mvvtpkddqe
601 qsqvaekpme gesmnmvhs gstffkyylq gakiPkpeas fsprrgwnrq agaagsrmnf
661 rpgvlssrql glpgppdvdp haayhpfrrl ailpasappa tsnpdpavsr vmnmkieett
721 mttqtpapiq apsailplpg qsverlcvdv rhrqgpvnll sdpeqgvevt gqyerekagf
781 swievtfknp lvwvhaspeh vvvtrnrss aykwketlfs vmpglkmtmd ktglillsdp
841 dkvtigllfw dgrgeglrll lrdtdrfssh vggtlgqfyq evlwgspaas ddgrrtlrvq
901 gndhsatrer rldyqegppg veiscwsvel

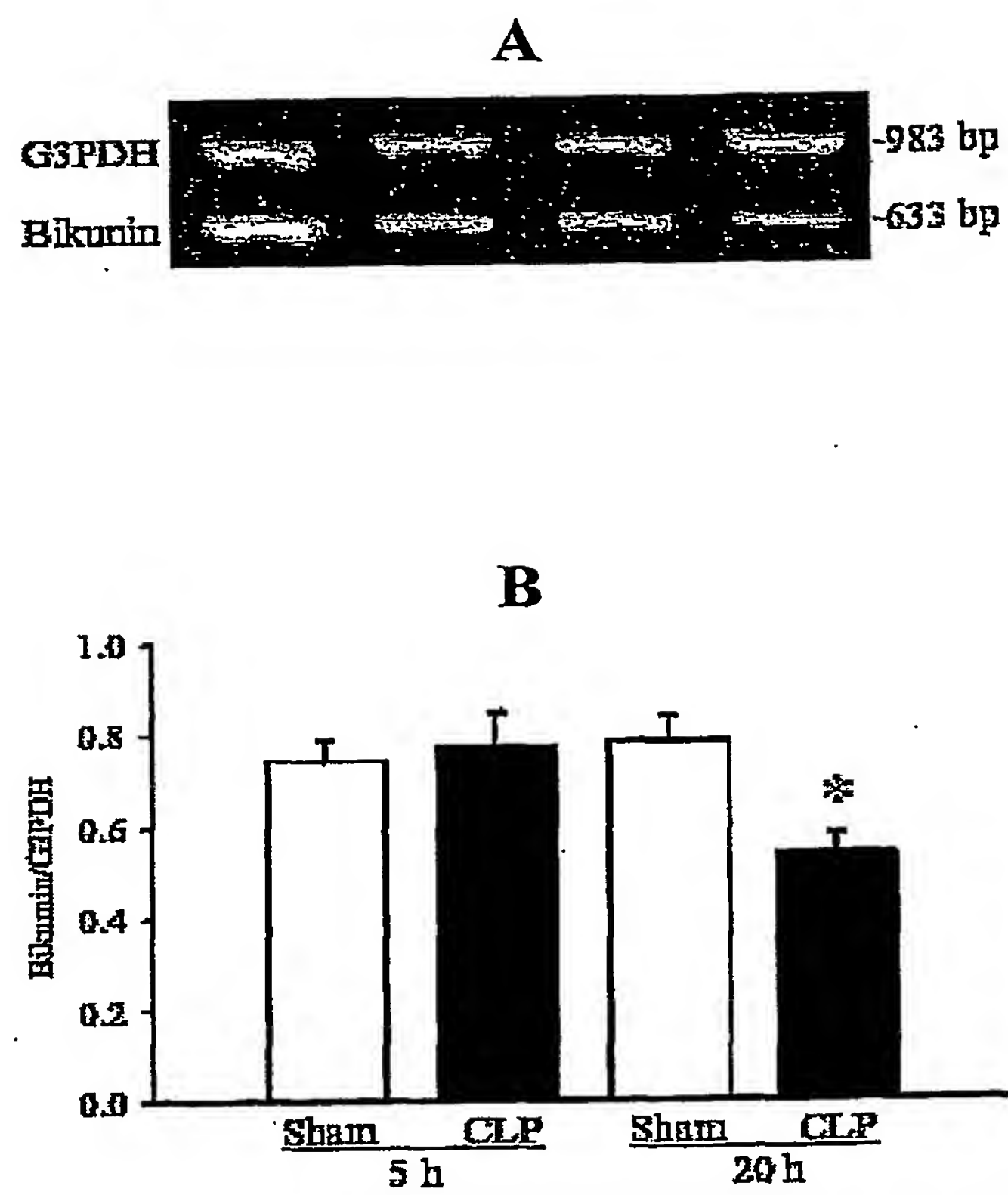
Figure 3

Figure 4

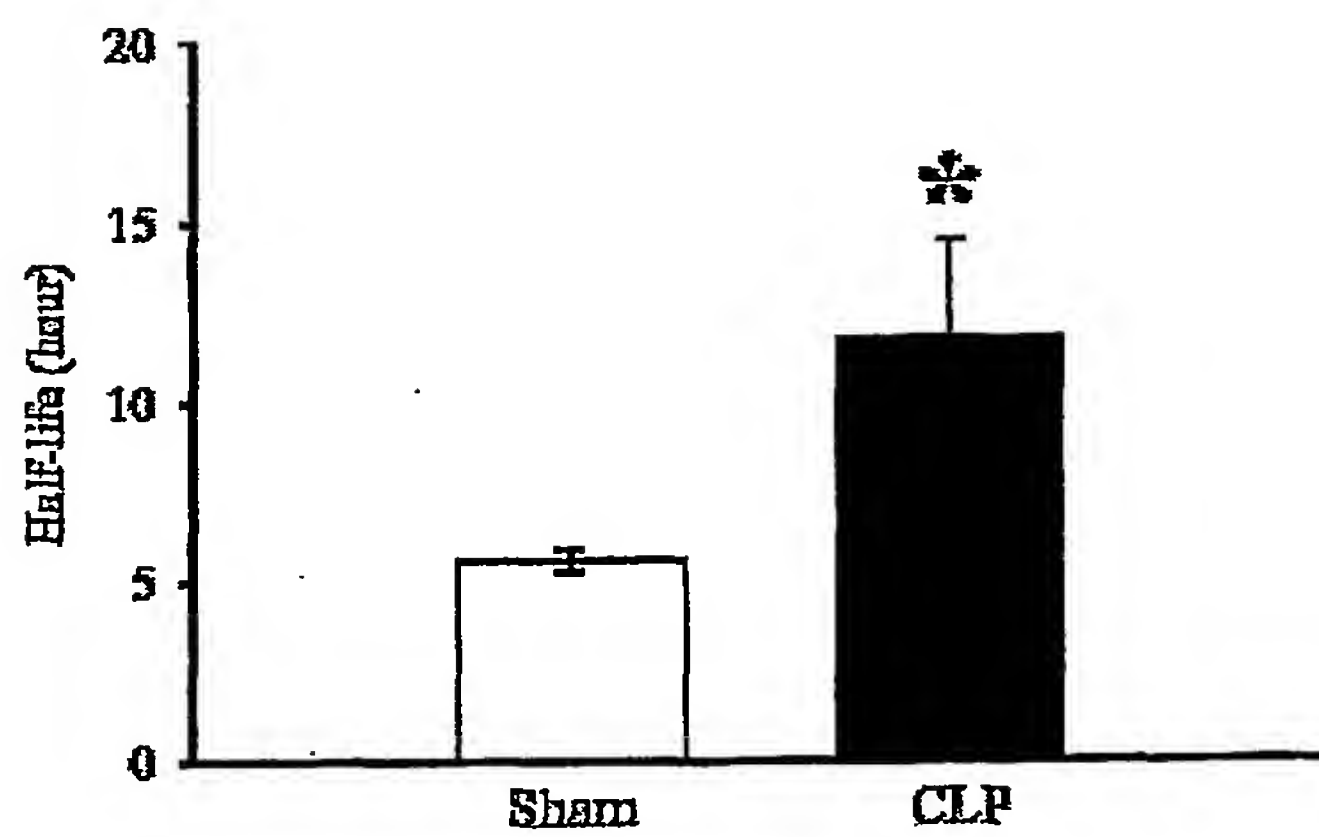


Figure 5

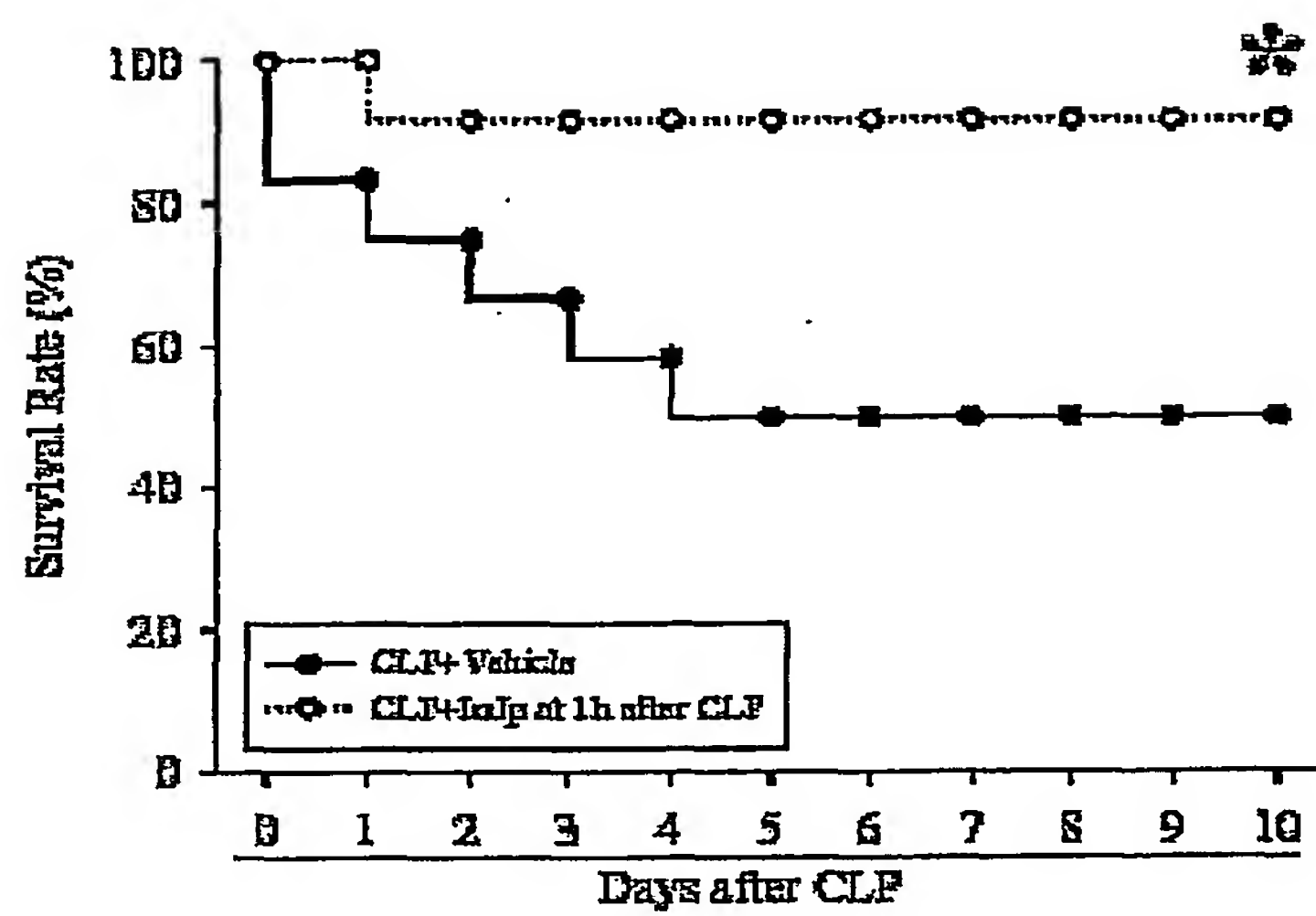


Figure 6

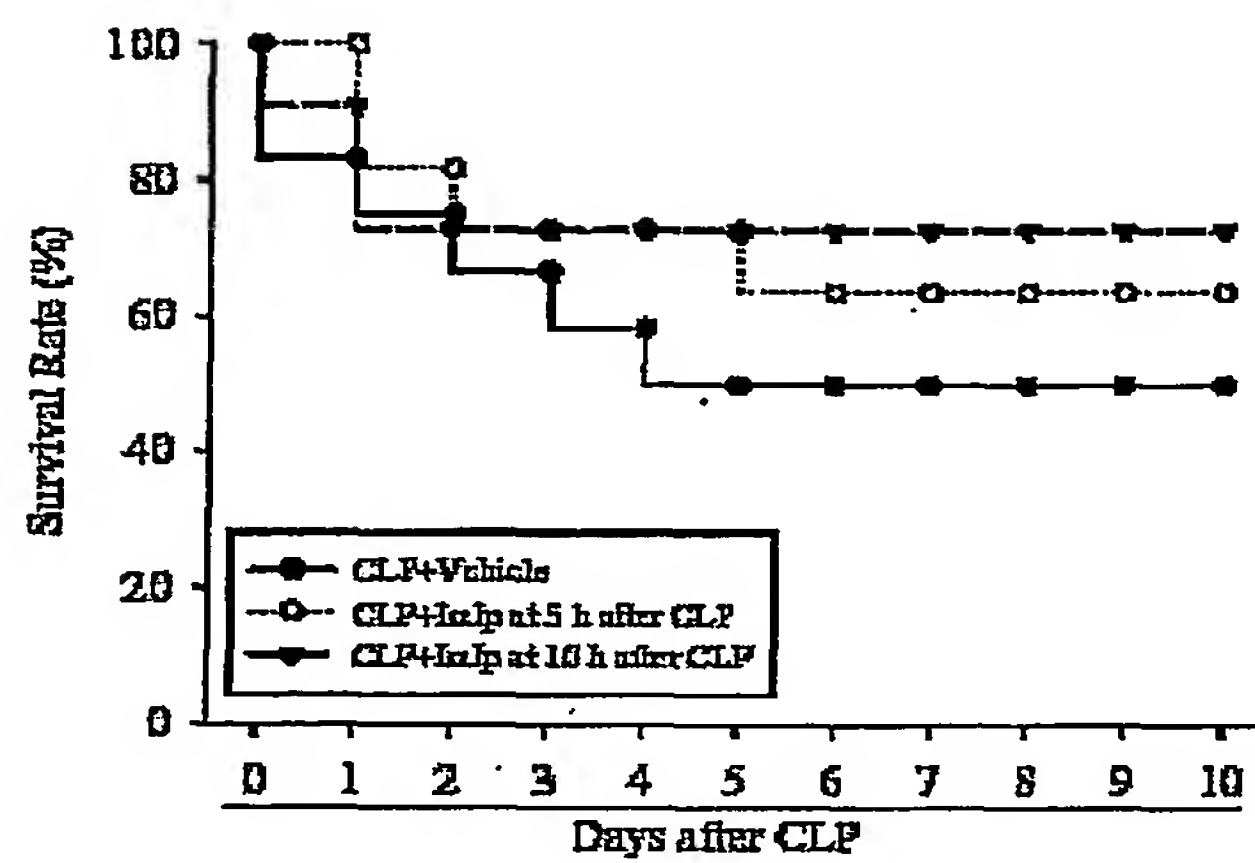


Figure 7

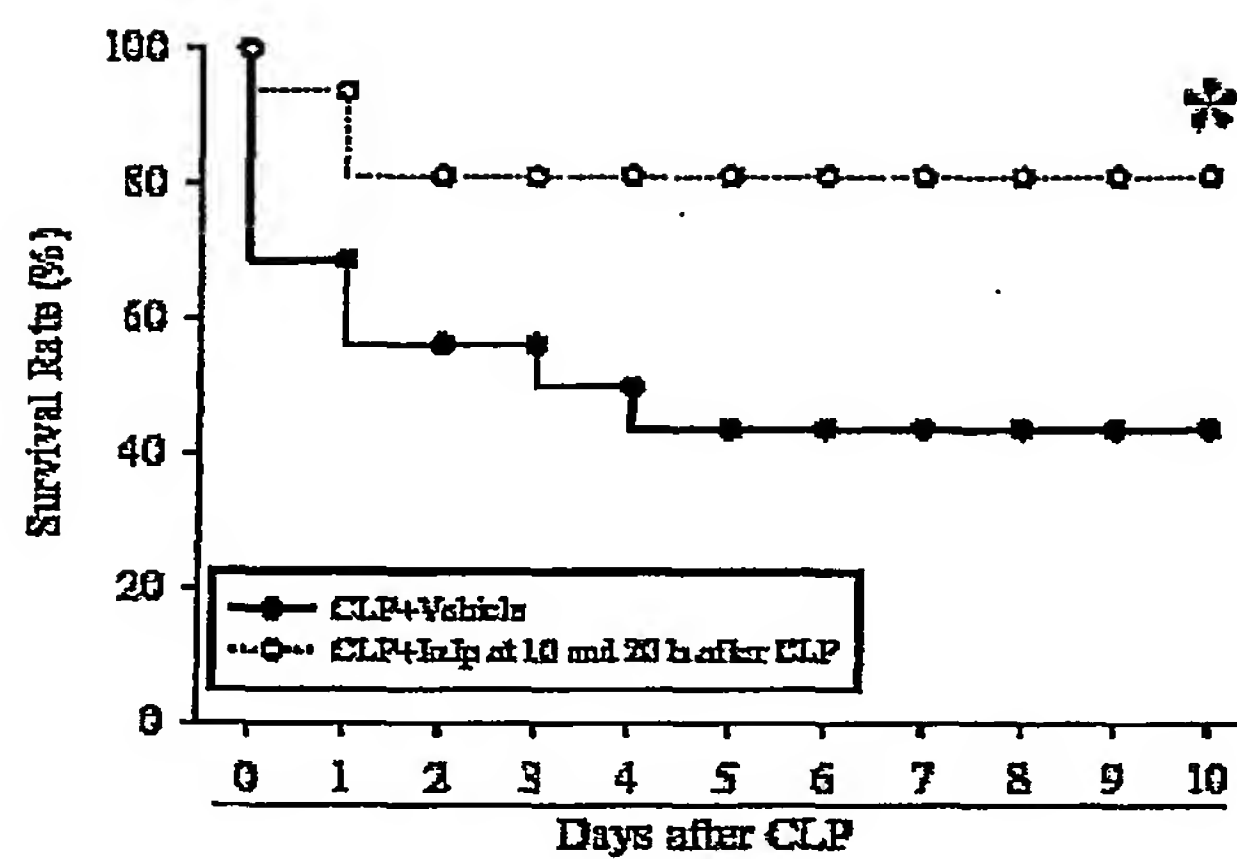


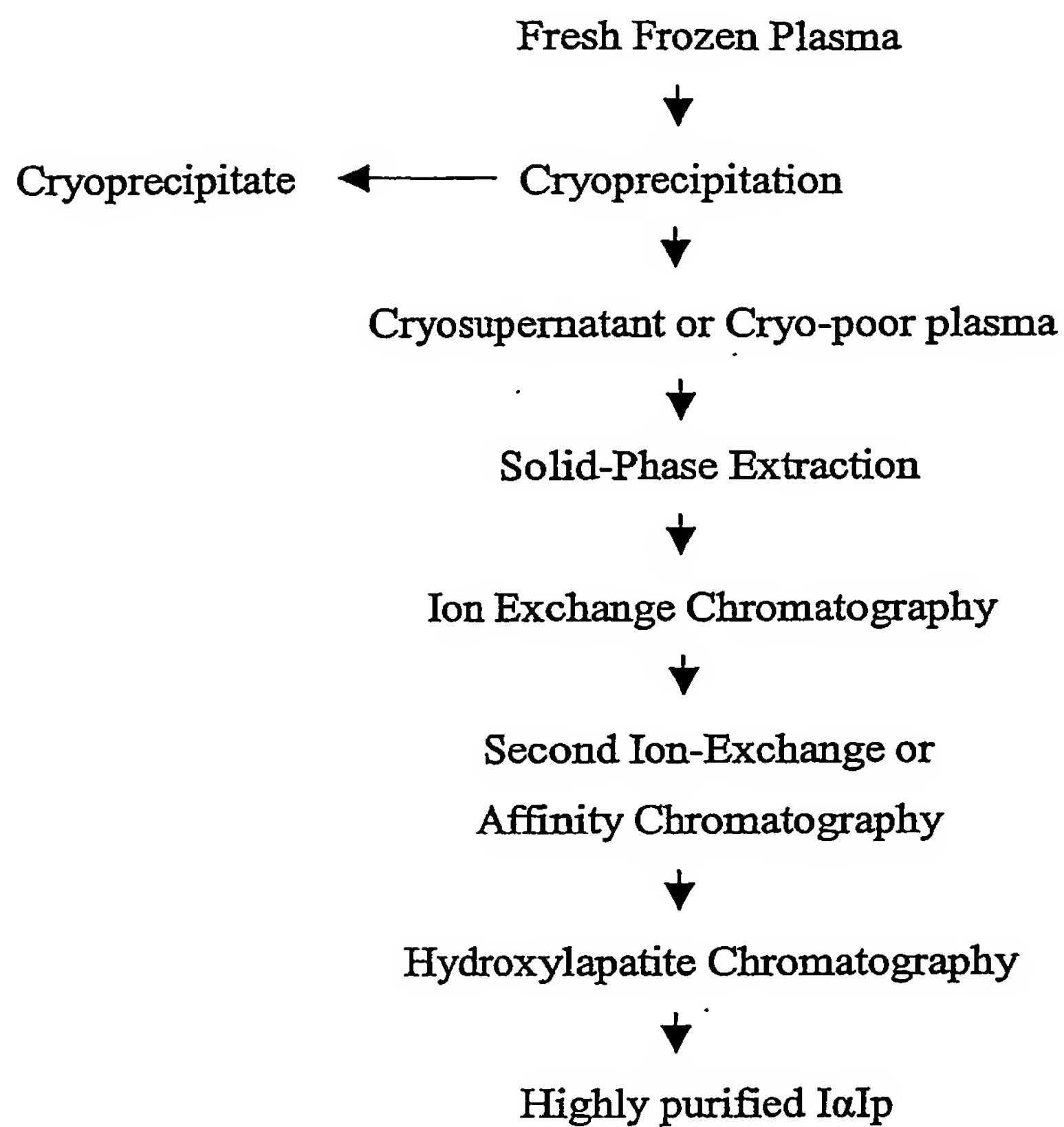
Figure 8a

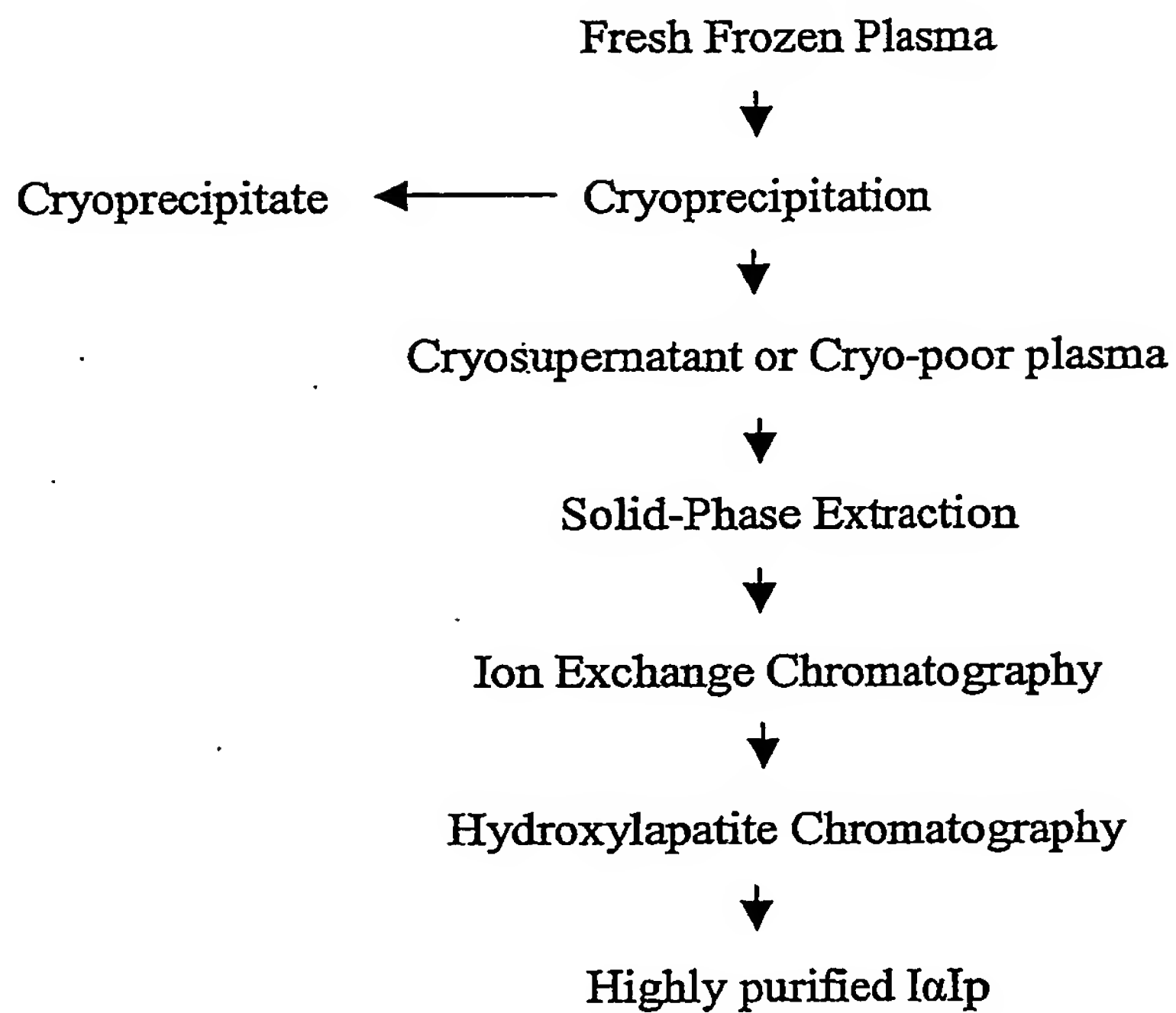
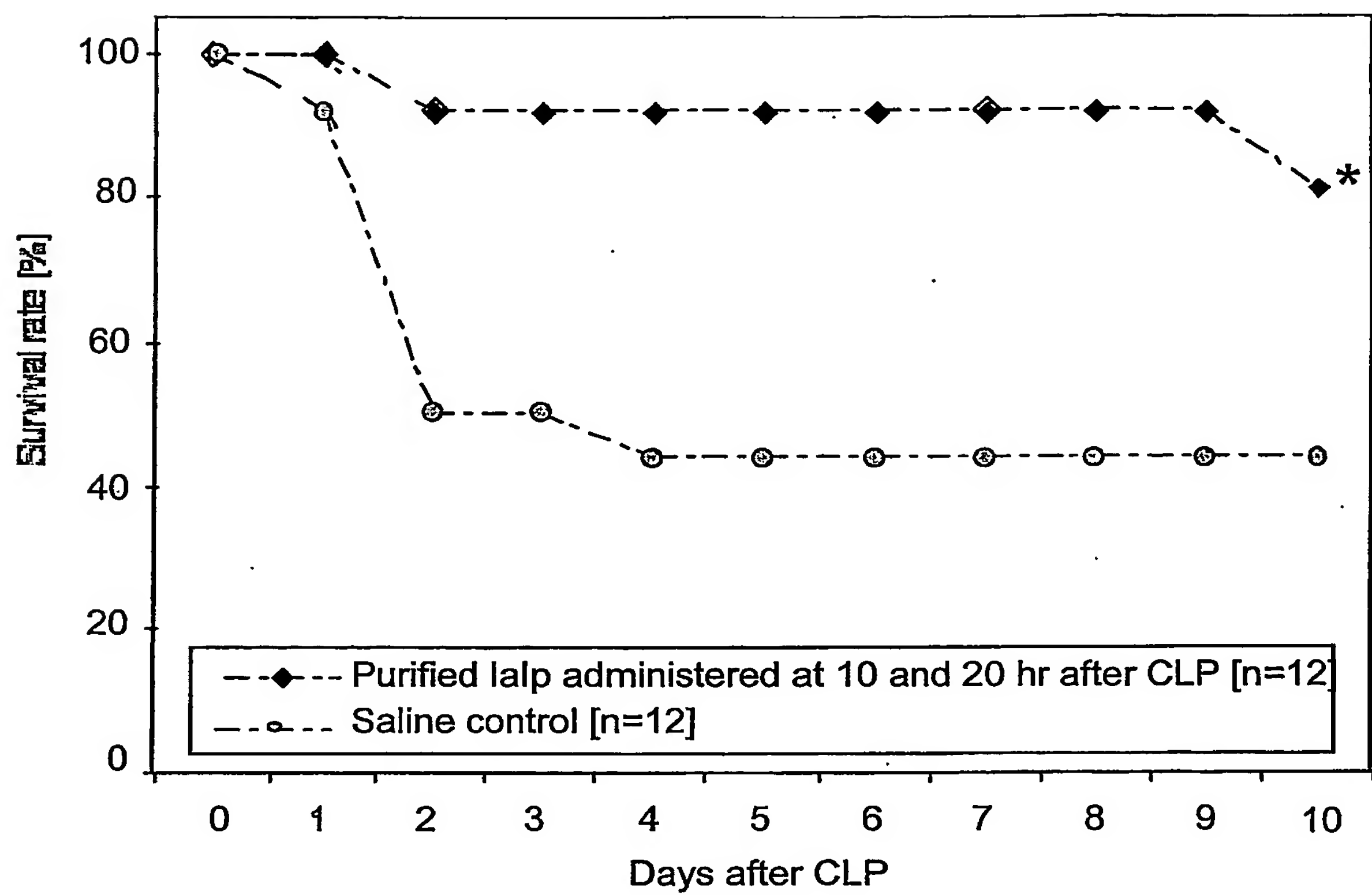
Figure 8b

Figure 9



* p value=0.0293